

# Indoor VHF/UHF Antenna

OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack Indoor VHF/UHF Antenna is easy-to-install and provides superb reception for VHF and UHF TV stations. Its 10dB CEMA (Consumer Electronic Manufacturer Association) certified amplifier improves the reception of weak signals and is ideal for high definition broadcasts. Two removable dipoles are provided for improved lower band VHF reception.

## CONNECTING THE ANTENNA

1. Screw the dipoles into the holders on the back of the antenna.
2. Place the antenna on top of the TV set.
3. Attach the supplied 75-ohm coaxial cable's F-connector onto the F-connector on the back of the antenna turning the ring clockwise. Attach the cable's other F-connector onto the TV's antenna terminal turning the ring clockwise.
4. Insert the supplied AC adapter's barrel plug into the **15V DC** jack on the back of the antenna. Route the adapter's cord through the strain relief slot on the back of the antenna. Then plug the adapter in a standard AC outlet. The blue indicator on the antenna lights.

### Cautions:



You must use a Class 2 power source that supplies 15V DC and delivers at least 200 mA.

Its center tip must be set to positive and its plug must fit the antenna's **15V DC** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the antenna or the adapter.

- Always connect the AC adapter to the antenna before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the antenna.

## OPERATION

1. To turn the antenna on or off, plug the AC adapter into or unplug the AC adapter from an AC outlet. The blue indicator lights when the antenna is on.
2. Set **AMPLIFIER IN/OUT** to **IN** if the signal is weak, or set it to **OUT** if the signal is strong.
3. To receive low frequency VHF channels (channels 2–6), set **VHF DIPOLE/VHF HELIX** to **VHF DIPOLE** and individually adjust the dipoles' length and position for the best reception.

**Note:** Some rooms have dead spots, or null points, where no TV signals are received. If the reception is poor, move the antenna for maximum performance.

4. To receive high frequency VHF channels (channels 7–13), set **VHF DIPOLE/VHF HELIX** to the desired position. If you receive a weak signal when the antenna is set to **VHF HELIX**, set **VHF DIPOLE/VHF HELIX** to **VHF DIPOLE** and adjust the dipoles' length to obtain the best reception.



**Note:** For UHF reception, **VHF DIPOLE/VHF HELIX** can be left in either position.

## CARE

Keep the antenna dry; if it gets wet, wipe it dry immediately. Use and store the antenna only in normal temperature environments. Handle the antenna carefully; do not drop it. Keep the antenna away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the antenna's internal components can cause a malfunction and might invalidate its warranty. If your antenna is not performing as it should, take it to your local RadioShack store for assistance.

**WARNING:** To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK. DO NOT OPEN.	
<p><b>CAUTION:</b> TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.</p>		



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

## SPECIFICATIONS

Normal Operating Frequency ..... VHF 55–216 MHz (Channels 2–13), UHF 470–806 MHz (Channels 14–69)

Antenna Impedance ..... 75 Ohms

Forward Gain (With Amplifier) ..... VHF(dipole) 0–20 dB @ 216MHz, 70 MHz,  
UHF 0–20 dB @ 470 MHz, 650 MHz, 806 MHz

Front-to-Back Ratio ..... 0–8 dB

Beam Width ..... > 60°

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

### Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

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